

| | Type | Hits | Search Text | DBs | Time Stamp |
|----|------|---------|---|--------------------------|------------------|
| 1 | BRS | 371 | (crude adj oil) and monitoring and probe | USPAT | 2003/11/19 10:16 |
| 2 | BRS | 40 | ((crude adj oil) and monitoring and probe) and (fiber adj optic\$2) | USPAT | 2003/11/13 18:41 |
| 3 | BRS | 21 | ((((crude adj oil) and monitoring and probe) and (fiber adj optic\$2)) and pipe\$5 | USPAT | 2003/11/13 18:36 |
| 4 | BRS | 19 | ((((crude adj oil) and monitoring and probe) and (fiber adj optic\$2)) not (((crude adj oil) and monitoring and probe) and (fiber adj optic\$2)) and pipe\$5) | USPAT | 2003/11/13 18:41 |
| 5 | BRS | 889 | (crude adj oil) and monitoring and pipe\$5 | USPAT | 2003/11/13 18:42 |
| 6 | BRS | 21 | ((crude adj oil) and monitoring and pipe\$5) and 356/\$.ccls. | USPAT | 2003/11/13 18:43 |
| 7 | BRS | 103 | 356/\$.ccls. and (on-line near monitoring) | USPAT | 2003/11/13 18:44 |
| 8 | BRS | 2081236 | (crude adj oil) or gas or water and (monitoring) | USPAT; EPO; JPO; DERWENT | 2003/11/13 18:53 |
| 9 | BRS | 2043764 | (crude adj oil) or gas or water and (monitoring) and probe | USPAT; EPO; JPO; DERWENT | 2003/11/13 18:53 |
| 10 | BRS | 2033736 | (crude adj oil) or gas or water and (monitoring) and probe and pipeline | USPAT; EPO; JPO; DERWENT | 2003/11/13 19:13 |
| 11 | BRS | 12373 | ((crude adj oil) or gas or water and (monitoring) and probe and pipeline) and (fiber adj optic\$2) | USPAT; EPO; JPO; DERWENT | 2003/11/13 18:55 |
| 12 | BRS | 12118 | ((((crude adj oil) or gas or water and (monitoring) and probe and pipeline) and (fiber adj optic\$2)) and @ad<20011228 | USPAT; EPO; JPO; DERWENT | 2003/11/13 19:14 |
| 13 | BRS | 4880 | ((((crude adj oil) or gas or water and (monitoring) and probe and pipeline) and (fiber adj optic\$2)) and @ad<20011228) and ratio\$1 | USPAT; EPO; JPO; DERWENT | 2003/11/13 19:14 |
| 14 | BRS | 1 | (((((crude adj oil) or gas or water and (monitoring) and probe and pipeline) and (fiber adj optic\$2)) and @ad<20011228) and ratio\$1) and (pattern adj discrimination) | USPAT; EPO; JPO; DERWENT | 2003/11/13 19:01 |

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| 15 BRS | 94 | (crude adj oil) and (monitoring) and probe and pipeline | USPAT; EPO; JPO; DERWENT | 2003/11/13 19:02 |
| 16 BRS | 74511 | ((crude adj oil) or gas or water and (monitoring) and probe and pipeline) and light and detect\$2 | USPAT; EPO; JPO; DERWENT | 2003/11/13 19:14 |
| 17 BRS | 73304 | ((crude adj oil) or gas or water and (monitoring) and probe and pipeline) and light and detect\$2 and @ad<20011228 | USPAT; EPO; JPO; DERWENT | 2003/11/13 19:14 |
| 18 BRS | 36957 | ((crude adj oil) or gas or water and (monitoring) and probe and pipeline) and light and detect\$2 and @ad<20011228) and ratio\$1 | USPAT; EPO; JPO; DERWENT | 2003/11/13 19:15 |
| 19 BRS | 8078 | ((crude adj oil) or gas or water and (monitoring) and probe and pipeline) and light and detect\$2 and @ad<20011228) and ratio\$1 and probe | USPAT; EPO; JPO; DERWENT | 2003/11/13 19:15 |
| 20 BRS | 1843 | ((crude adj oil) or gas or water and (monitoring) and probe and pipeline) and light and detect\$2 and @ad<20011228) and ratio\$1 and probe) and led | USPAT; EPO; JPO; DERWENT | 2003/11/13 19:15 |
| 21 BRS | 12 | ((crude adj oil) or gas or water and (monitoring) and probe and pipeline) and light and detect\$2 and @ad<20011228) and ratio\$1 and probe) and led) and (on-line adj monitoring) | USPAT; EPO; JPO; DERWENT | 2003/11/13 19:16 |
| 22 BRS | 1 | ((crude adj oil) or gas or water and (monitoring) and probe and pipeline) and light and detect\$2 and @ad<20011228) and ratio\$1 and probe) and led) and (online near monitoring) | USPAT; EPO; JPO; DERWENT | 2003/11/13 19:17 |
| 23 BRS | 1599 | ((crude adj oil) or gas or water and (monitoring) and probe and pipeline) and light and detect\$2 and @ad<20011228) and ratio\$1 and probe) and led) and signal\$1 | USPAT; EPO; JPO; DERWENT | 2003/11/13 19:18 |

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| 24 | BRS | 423 | (((((crude adj oil) or gas or water and (monitoring) and probe and pipeline) and light and detect\$2) and @ad<20011228) and ratio\$1) and (probe) and led) and signal\$1) and (fiber near optic\$2) | USPAT; EPO; JPO; DERWENT | 2003/11/13 19:18 |
| 25 | BRS | 293 | (((((crude adj oil) or gas or water and (monitoring) and probe and pipeline) and light and detect\$2) and @ad<20011228) and ratio\$1) and (probe) and led) and signal\$1) and (fiber near optic\$2)) and (processor or computer) | USPAT; EPO; JPO; DERWENT | 2003/11/13 19:19 |
| 26 | BRS | 173 | 356/70.ccls. | USPAT | 2003/11/19 10:17 |
| 27 | BRS | 35 | 356/70.ccls. and (optic\$2 near fiber) | USPAT | 2003/11/20 12:08 |
| 28 | BRS | 11 | (356/70.ccls. and (optic\$2 near fiber)) and led | USPAT | 2003/11/19 11:19 |
| 29 | BRS | 0 | 356/70.ccls. and (pattern adj discrimination) | USPAT | 2003/11/19 11:19 |
| 30 | BRS | 46 | (pattern adj discrimination) and (oil or petroleum or fluid or liquid) | USPAT; EPO; JPO; DERWENT | 2003/11/19 11:20 |
| 31 | BRS | 0 | (((pattern adj discrimination) and (oil or petroleum or fluid or liquid)) and contaminant | USPAT; EPO; JPO; DERWENT | 2003/11/19 11:21 |
| 32 | BRS | 4 | (((pattern adj discrimination) and (oil or petroleum or fluid or liquid)) and containin\$5 | USPAT; EPO; JPO; DERWENT | 2003/11/19 11:21 |
| 33 | BRS | 25 | 356/70.ccls. and probe | USPAT | 2003/11/21 14:20 |
| 34 | BRS | 12 | (356/70.ccls. and probe) and (optic\$2 near fiber) | USPAT | 2003/11/20 12:08 |
| 35 | BRS | 1 | 356/70.ccls. and (probe same coating) | USPAT | 2003/11/21 14:22 |
| 36 | BRS | 264 | probe near coating | USPAT | 2003/11/21 15:34 |
| 37 | BRS | 14 | (probe near coating) and 356/\$.ccls. | USPAT | 2003/11/21 14:23 |
| 38 | BRS | 21 | (probe near coating) and (au or ni) | USPAT | 2003/11/21 15:46 |
| 39 | BRS | 137 | ((optical near fiber) near (probe or sensor)) same coating | USPAT | 2003/11/21 15:45 |

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| 40 BRS | 101 | (((((optical near fiber) near (probe or sensor)) same coating) and (fluid or liquid or oil or water)) | USPAT | 2003/11/21 16:03 |
| 41 BRS | 11 | (((((optical near fiber) near (probe or sensor)) same coating) and (fluid or liquid or oil or water)) and (au or ni) | USPAT | 2003/11/21 15:37 |
| 42 BRS | 0 | (((((optical near fiber) near (probe or sensor)) same coating) and (au or ni) | USPAT | 2003/11/21 15:48 |
| 43 BRS | 62 | ((((optical near fiber) near (probe or sensor)) same coating | EPO; JPO; DERWENT | 2003/11/21 16:03 |
| 44 BRS | 137 | ((((optical near fiber) near (probe or sensor)) same coating | USPAT | 2003/11/21 16:03 |
| 45 BRS | 7 | (((((optical near fiber) near (probe or sensor)) same coating) and corrosion and (fluid or liquid or oil or water) | USPAT | 2003/11/21 16:16 |
| 46 BRS | 101 | (((((optical near fiber) near (probe or sensor)) same coating) and (fluid or liquid or oil or water) | USPAT | 2003/11/21 16:16 |
| 47 BRS | 94 | (((((optical near fiber) near (probe or sensor)) same coating) and (fluid or liquid or oil or water)) not (((((optical near fiber) near (probe or sensor)) same coating) and corrosion and (fluid or liquid or oil or water)) | USPAT | 2003/11/21 16:17 |
| 48 BRS | 27 | (((((optical near fiber) near (probe or sensor)) same coating) and (fluid or liquid or oil or water)) not (((((optical near fiber) near (probe or sensor)) same coating) and corrosion and (fluid or liquid or oil or water))) and (ni or nickel or au or gold) | USPAT | 2003/11/21 16:17 |